

KADARI, H.

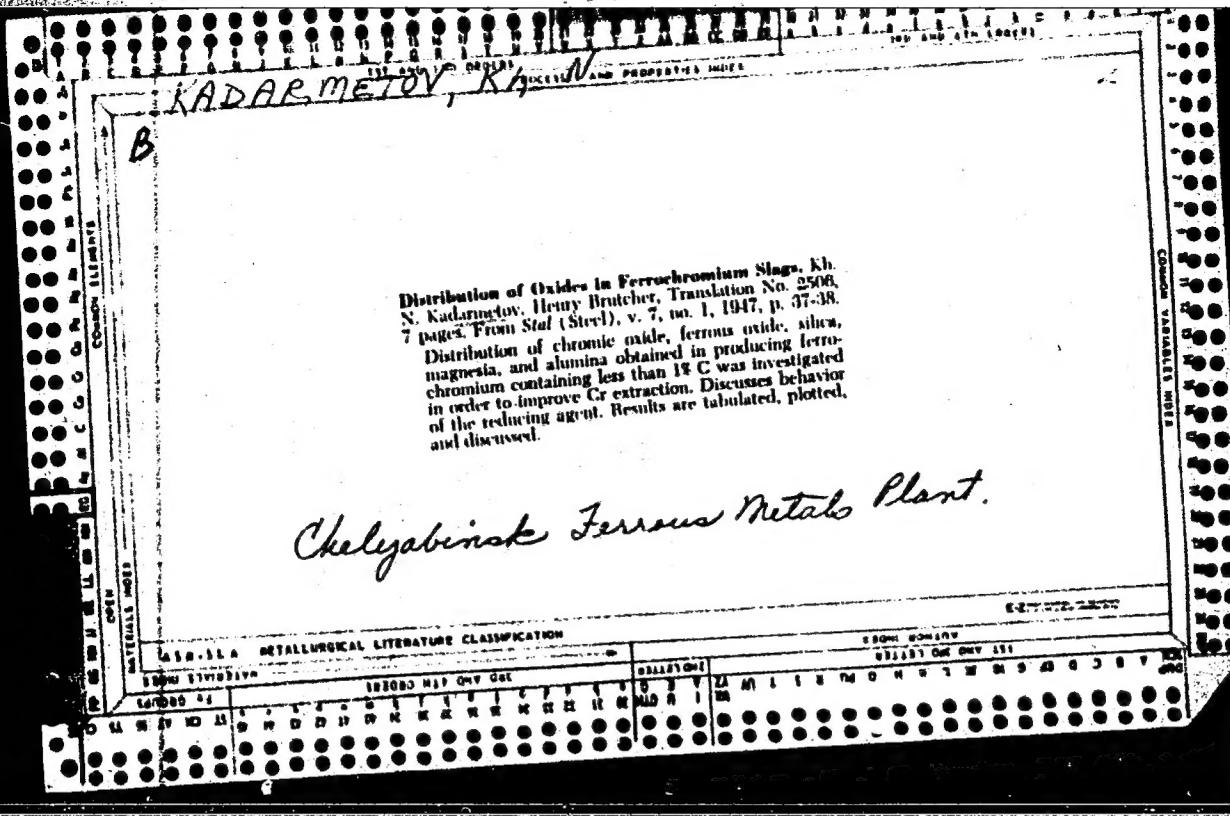
Let us build modern saunas in collective farm villages. p.422

GAZ, WODA I TECHNIKA SANITARNA (Stowarzyszenie Naukowo-Techniczne Inżynierów i Techników Sanitarnych Ogrzewnictwa i Garownictwa) Warszawa, Poland  
Vol. 13, no.9, Sept. 1958

Monthly list of East European Accession (EEAI) LC, Vol.9, no.2, Feb. 1960

Uncl.

KADARIYA, K. I., Cand of Tech Sci -- (diss) "On the question of the calculation of the strength of wall beams." Tbilisi, 1957, 9 pp, (Georgian Polytechnical Institute im S. M. Kirov ), 100 copies (KL, 30-57, 110)



KABARMETOV KH. B. N.

## PROCESSES AND PROPERTIES INDEX

MD AND OIN CDR 99

CARBON IN FERROCHROME AND FERROSILIOCHROME Kh N Kadarmetov  
 Stal 1947, vol. 7, pp 507-510 In Russian Chemical Abstracts 1949,  
 vol. 43 Apr. 10 cols. 2553-2554. The interrelation between  
 silicon and carbon in ferrosilicochromes is reviewed. The displacement  
 of carbon by silicon in ferrosilicochrome is affected by size of  
 the ferrochrome lumps used in the processes method of furnace  
 charging duration of run arrangement of electrodes method of  
 casting etc. Thus the carbon content in the alloy increases as the  
 melt period shortens. In tapping the furnace some slag comes out  
 with the metal and the slag contains approx. 10 times as much carbon  
 as the metal. When the lumps of ferrochrome are large, the reduction  
 of silica by carbon does not go to completion and the carbides  
 enrich the carbon in the metal. Careful control of these factors  
 permits the production of a ferrosilicochrome of very low  
 carbon content.

1000 MEDICAL LITERATURE CLASSIFICATION

卷之三十一 七言诗上

APPROVED FOR RELEASE: 07/19/2001

CIA-RDP86-00513R000519820019-6"

KADARMELOV, Khr. N.

Ca

9

Roasting molybdenum concentrates. Kh. N. Kadarmelov and K. N. Rispol. *Stal* 8, 81-3(1948). Expts. on roasting Mo concentrates were carried out in a cannel coal-fired reverberatory. The furnace was charged through chutes in the roof, the charge was levelled to a 60-70 mm. layer and then moved through the 4 zones of the furnace corresponding to its 4 ports. In correlation to these zones the temp. increased from up to 450° in the first to 710° in the 4th zone. During its progress through the reverberatory, the concentrate was periodically mixed. Depending on their nature, the convert. rates spent more or less time in the furnace, but generally it was around 8 hrs. The three different concentrates reported had their S content reduced from 34.83, 33.28, and 33.20% to 0.07, 0.13, and 0.12% resp. M. Horsch

Engr. Chelyabinsk Plant Ferrous Metals

ASA-SEA METALLURGICAL LITERATURE CLASSIFICATION

s/133/60/000/012/006/015  
A054/A027

AUTHOR: Kadarmetov, Kh.N.

TITLE: News in Brief

PERIODICAL: Stal', 1960, No. 12, p.1106

TEXT: In the Chelyabinsk Scientific Research Institute of Metallurgy tests were carried out in cooperation with the Chelyabinsk Ferro-Alloy Plant to establish the technology of silicochrome production in one stage, from Aktyubinsk chrome ore and Bakal'sk quarzite. Small coke and charcoal were used as reducing agents, magnesite and fluorite as fluxes. The meltings were carried out at transformer voltages of 82 and 95 with a power of about 650 kva. In order to examine the mechanism of the process, the furnace was switched off without smelting and the content of the bath was analyzed. Silicochrome with a silicate content of 40-45% could be obtained in continuous process with the charging hole closed, the slags having a  $\text{SiO}_2$  content of 40-45% and a  $\text{MgO}$

$\text{Al}_2\text{O}_3$  proportion between 0.8-1.2. It was found that the C-content in silicochrome produced by the one-stage method was lower than when produced in two stages and that the increase in the carbides of silicate, moreover, raised the viscosity and the melting temperature of industrial slag.

Card 1/1 ✓

KADARMETOV, Kh.N.

Making a 75-percent ferrosilicon with a low aluminum content.  
(MIRA 14:5)  
Stal' 21 no.6:575 Je '61.  
(Ferrosilicon)

BEZOBRAZOV, S.V.; KADARMETOV, Kh.N.; KOLOYARTSEV, V.L.; SHALEV, A.A.;  
SHCHEDROVITSKIY, Ya.S.

Investigating the furnace bath following the experimental pro-  
duction of ferrosilicochromium from ores and quartzite. Stal'  
21 no.10:903-907 O '61.  
(MIRA 14:10)

1. Chelyabinskiy nauchno-issledovatel'skiy institut metallurgii.  
(Iron-silicon-chromium alloys—Metallurgy)  
(Smelting furnaces)

KADARMETOV, Kh.N. (Chelyabinsk); RUSAKOV, L.N. (Chelyabinsk);  
GOROKH, A.V. (Chelyabinsk)

Characteristics of the reduction of chromium ore lumps.

Izv. AN SSSR. Met. i gor. delo no.4:17-23 Jl-Ag '64.

(MIRA 17:9)

KADARMETOV, Kh.N., kand. tekhn. nauk; RUSAKOV, L.N., inzh.; KOLOVARTSEV,  
V.L., inzh.

Investigating the process of smelting iron-silicon-chromium  
alloys. Stal' 24 no.8:712-716 Ag '64. (MIRA 17:9)

1. Chelyabinskij nauchno-issledovatel'skiy institut metallurgii.

L 3992-66 EPA(s)-2/ENI(m)/EPZ(n)-2/ENR(t)/ENR(d) ICP(c) JU/1977 ~

ACC NR: AP5022354

UR/0133/65/000/009/0820/0823

669.168:621.365

AUTHOR: Bazobrazov, S. V.; Kadarmatov, Kh. N.; Charushnikova, G. V.; Krichavets, R. B.; Ponomarenko, Yu. G.; Tulin, N. A.; Pozdeyev, N. P.; Sergeyev, A. B.

TITLE: Vacuum treatment of liquid ferrochromium

SOURCE: Stal', no. 9, 1965, 820-823

TOPIC TAGS: ferrochrome, low carbon ferrochrome, liquid ferrochrome, ferrochrome decarburization, vacuum decarburization

ABSTRACT: To develop a technique for industrial-scale production of low-carbon ferrochromium, the Chelyabinsk Scientific Research Institute of Metallurgy together with the Chelyabinsk Metallurgical Plant conducted (1960-1964) a series of laboratory and semi-industrial scale experiments on decarburization of liquid ferrochromium in a vacuum induction furnace. The experimental results showed that vacuum treatment of a 400-kg heat of liquid ferrochromium in an induction furnace in a vacuum of 0.6-2.0 mm Hg (80-270 n/m<sup>2</sup>) at 1670-1700°C reduced the carbon content of the alloy from 0.05-0.07 to 0.01-0.02% in 1 hr, and even lower with further treatment. The chromium content of the alloy was practically unchanged, and the loss of ferrochromium did not exceed 3%. The power consumption for vacuum treatment was about 500 kwh per ton of liquid ferrochromium, and the carbon oxidation rate was 0.0006 to 0.0009% C/min. In industrial-scale production, liquid ferrochromium can be poured into a ladle from which, after slag removal, the metal is poured into the crucible

Card 1/2

L 3992-66

ACC NR: AP5022354

of an induction furnace. The air is then evacuated from the furnace and after treatment the degassed metal is cast in flat ingots in air or in vacuum. To speed up the treatment, the crucible preferably should be of large diameter but comparatively shallow, and the content of carbon and phosphorus in the initial alloy should not exceed 0.07—0.09 and 0.03%, respectively. Orig. art. has: 1 figure and 1 table.

[MS]

ASSOCIATION: Chelyabinskii n.-i. institut metallurgii (Chelyabinsk Scientific Research Institute of Metallurgy); Chelyabinskii metallurgicheskiy zavod (Chelyabinsk Metallurgical Plant)

SUBMITTED: 00

ENCL: 00

SUB CODE: MM,IE

NO REF SOV: 011

OTHER: 000

ATD PRESS: #119

RC  
Card 2/2

SHMEL'KOV, V.I.; SHCHEDROVITSKIY, Ya.S.; KADARMETOV, Kh.N.; BRIKOVA, O.V.;  
SHIRYAYEV, Yu.S.; AGARKOVA, N.A.; KRAVCHINSKIY, R.V.; TAMBOVTSEV, V.A.

Material and power balance in melting carbon ferrochromium  
in a large furnace. Stal' 24 no.12:1094-1096 D '64.

(MIRA 18:2)

KADARNE PAUNICZ, Judit

Polarographic determination of lead and antimony contamination  
in metal tin. Magy kem lap 15 no.7;330-331 Jl '60.

1. Orszagos Belmezes- es Taplalkosastudomanyi Intezet.

KADAR-PAUNCZ, Judit (Mrs) (Budapest, VII., Rottenbiller u.26)

Polarographic behavior of griseofulvin and trichothecin; a  
preliminary communication. Acta chimica Hung 35 no.3:297-299  
'63.

1. Research Institute for Pharmaceutical Industry, Budapest.

DAREVSKIY, I.S.; KADARJAN, S.

Biology of the giant Indonesian monitor (*Varanus komodoensis Ouwens*).  
Zool. zhur. 43 no.9:1355-1360 '64. (MIRA 17:11)

1. Zoologicheskiy institut AN SSSR, Leningrad i Bogorskiy zoologicheskiy muzey na ostrove Yava, Indoneziya.

KADARYU, Ye.

Use of a fatty transplant in functional surgery of the ear.  
Vest.otorin. 22 no. 3:48-51 My-Je '60. (MIRA 13:10)  
(OTOSCLEROSIS) (ADIPPOSE TISSUES—TRANSPLANTATION)

HUNGARY / General Biology. General Histology.

B-3

Abs Jour : Rof Zhur - Biol., No 11, 1958, 47552

Author : Kadas, I.

\* Inst : N/A

Title : Changes in the Submicroscopic Structure of the Cytoplasm of  
the Nephron in Cats Following Hypophysectomy.

Orig Pub : Kisori Orvostud, 8, No 5, 480-488 (1956).

Abstract : The histochemical study of the effect of hypophysectomy  
and of adrenalectomy on the cytological structure of the  
nephron is reported. A total of ten hypophysectomized and  
fifteen adrenalectomized mature cats were used in the  
study; another group of twenty healthy animals was used as  
control. A number of animals to which ACTH had been adm-  
inistered and which were either kept on a starvation diet  
or had their pylorus ligated were also used. The intracol-  
lular submicroscopic lattice structure was studied with  
the aid of oil-immersion phase-contrast optics, partly in

\* PECSI ORVOSTUDOMANYI EGYESUM KORBONCTANI INTEZETE.

Card 1/2

TOMPA, Sandor; KADAS, Istvan

Effect of nephrotoxin serum on infant rabbits. Magy. belorv. arch.  
9 no.5:151-160 Oct 56.

1. A Pecsi II. sz. Belklinika (Igasgato: Hamori, Artur, dr. egy. tanar) es a Pecsi Korbonctani Intezet (Igasgato: Romhanyi, Gyorgy dr. egy. tanar) koslemenye.

(IMMUNE SERUMS, eff.

nephrotoxin serum inducing nephritis in infant rabbits,  
role of toxin quantity, histopathol. (Hun))

(NEPHRITIS, exper.

nephrotoxin serum induced in infant rabbits, role of toxin  
quantity, histopathol (Hun))

KADAS, Istvan, Dr.; SKODA, Ervin, Dr.; CZURKO, Geza, Dr.; IUX, Otto, Dr.

Cancer of the polycystic lung with portoperative spontaneous pneumothorax of the contralateral side. Orv. hetil. 100 no.47:  
1704-1706 Nov. 22, 59

1. A Pecsi Orvostudomnyi Egyetem Kortonctani Intezetenek (igazgato: Bomhonyi Gyorgy dr. Egyet. tanar) es a Baranya megyei Tanacs VB. Korhaze (igazgato: Steinmetz Endre dr.) oltalancos sebeszeti osztalyanak (focervos Skoda Ervin dr.) kozlemenye.  
(PNEUMOTHORAX, etiol.) (LUNGOS, neopl.)

KADAS, Istvan, dr.; ZABO, Zoltan, dr.

Unusual case of degeneration of malignant ovarian endometrioma.  
Magy.noorv.lap. 21 no.1:45-47 Ja '60.

1. A baranyanegyei Tanacs Korhaza (igazgato: Steinmetz Endre dr.)  
korbonctan-korszovettani osztalyanak (foorvos: Kadas Istvan dr.)  
es a siklosi jarasi Korhaz (igazgato: Gruber Bela dr.) Nogvogyasszati  
osztalyanak (foorvos: Zabo Zoltan dr.) koklemenye.  
(ENDOMETRIOSIS pathol)  
(OVARY neopl)

KADAS, Istvan

Tasks of the trade union sports movement. Munka 10 no.4: 26-27  
Ap '60.

1. Szakszervezetek Országos Tanácsa testnevelési és sportosztályának vezetője.

KADAS, Istvan

Data on the Miklos Toldi Physical Education Movement. Munka 10  
no.9:26-27 8 '60.

1. Szakszervezetek Orszagos Tanacsa testnevelesi es sportosztal  
lyanak vezetője.

KADAS, Istvan

Achievements in the workers' physical education. Munka 11 no.1:24-25  
Ja '61.

1. Szakszervezetek Orszagos Tanacsai sportosztalyanak vezetöje.

(Hungary—Labor and laboring classes)  
(Hungary—Physical education)

KADAS, Istvan

A few experiences gained by the Kilian Physical Education Movement.  
Munka 11 no.9:26-27 S '61.

1. Szakszervezetek Orszagos Tanacsa testnevelesi- es sportosztalyanak vezetoje.

(Hungary—Trade unions) (Hungary—Physical education)  
(Hungary—Sports)

KADAS, Istvan

The balance of the last year's sports activities. Hung TU  
no.518-19 My '62.

1. Head of the Central Council of Hungarian Trade Unions Sports &  
Physical Training Department.

KADAS, Istvan-

Labor sportamen of tomorrow. Munka 12 no.1:32-33 Ja '62.

1. Szakszervezetek Orszagos Tanacsa sportosztalyanak vezetoje.

KADAS, Istvan

At the 5th congress of Polish Trade Unions. Munka 13 no.1:32-33  
Ja '63.

1. Szakszervezetek Orszagos Tanacsa nemzetkozi kapcsolatok  
osztalyanak vezetaja.

KADAS, Istvan

In the spirit of proletarian solidarity. Munka 13 no.4:  
5-6 Ap '63.

1. Szakszervezetek Országos Tanácsa nemzetközi osztalyanak  
vezetője.

KADAS, Istvan

African experiences of a Hungarian trade-union delegation.  
Munka 14 no. 2: 10-11 F '64.

1. Szakszervezetek Orszagos Tanacsra nemzetkozi kapcsolatok osztalya vezetöje.

KADAS, K.

"Economic Qualification of Proposals For Planning Technical and Organizational Measures in Transportation", P. 51, (KOZLEKEDESTUDOMANYI SZEMLE, Vol. 4, No. 2, Feb. 1954, Budapest, Hungary)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 3, No. 12, Dec. 1954, Uncl.

KADAS, K.

"Comments on the University Manual Varosi Kozlekedes (City Traffic)",  
P. 197, (KOZLEKEDESTUDOMANYI SZEMLE, Vol. 4, No. 5, May 1954, Budapest,  
Hungary)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 3, No. 12,  
Dec. 1954, Uncl.

KADÁS, K.

Means of transportation exhibited at the Leipzig Technical Fair. p. 331.  
KÖZLEKESTUDOMÁNYI SZÍNLE. Budapest. Vol. 5, no. 9, Sept. 1955.

SOURCE: East European Acquisitions List (EEAL) LC, Vol. 5, no. 2, Feb. 1956.

KADAS, K.

Increased technical improvement of highway vehicular traffic. p. 3

AUTO MOTOR. Vol. 8, no 18, Sept. 1955

(Kozlekedesi Kiado) Budapest

SOURCE: East European Accessions List      Vol. 5, no. 1      September, 1956

KADAS, K.

32(0)  
AUTHOR:

SOV/30-59-6-17/40

Aksenov, I. Ya., Candidate of Technical Sciences

TITLE:

News in Brief (Kratkiye soobshcheniya). Conference on the Application of Methods of Cybernetics for Transportation and the Construction of Means of Transportation (Soveshchaniye po primeneniyu metodov kibernetiki na transporte i v transportnom stroitel'stve)

PERIODICAL:

Vestnik Akademii nauk SSSR, 1959, Nr 6, pp 111-112 (USSR)

ABSTRACT:

The Conference took place from March 10 to 12 in Budapest. K. Kadas reported on some theoretical and practical tasks in this field. At present methods of cybernetics for transportation are being developed at the Institut kompleksnykh transportnykh problem Akademii nauk SSSR (Institute for Comprehensive Transportation Problems of the Academy of Sciences of the USSR). G. Jandy spoke of methods of linear programming for setting up an optimum transportation plan. I. Turanyi discussed problems of the remote control of railroad traffic. T. Marfai explained the application possibilities of cybernetics in the planning of highways and for traffic. Ya. Szabo reported on the application of cybernetic methods for

Card 1/2

SOV/30-59-6-17/40

News in Brief. Conference on the Application of Methods of Cybernetics for  
Transportation and the Construction of Means of Transportation

technical projecting and building. A close collaboration  
between Soviet and Hungarian scientists in this field will  
accelerate the solution of the present problems. ✓

Card 2/2

KADAS, K.

The first transportation economic-engineering diplomas granted by the Technical University of the Building Industry and Transportation. p. 548.

KOZLEKEDESTUDOMANYI SZEMLE. Budapest, Hungary. Vol. 9, no. 11, Nov. 1959.

Monthly List of East European Accessions (EEAI), LC, Vol. 1960, no. 2, Feb. 1960  
Uncl.

KADAS, Kalman, dr.

The Hungarian instruction system of transportation operation engineers  
is ten years old. Kozleked tud sz ll no.11:481-484 N '61.

KADAS, Kalman, dr.,egyetemi tanar

Mongolian training of transport engineers started ten years ago. Auto motor 14 no.24:3-4 D '61.

1. Kozlekedesi Uzemmernoki Kar dekanja, Budapest.

SZABO, Dezsö, dr.; CSANADI, Gyorgy, dr.; SARLOS, Istvan; KADAS, Kalman, dr., kandidatus; GYULAI, Geza; VILMOS, Endre, dr.; NAGY, Rudolf, fogernok KOLLER, Sandor, adjunktus; TURANYI, Istvan, dr., tanzsekretego egyetemi tanar; BENYEI, Andras, dr.; BARANSZKY JOB, Imre; BORSOS, Jozsef, dr., egyetemi tanar; HEGYI, Kalman

The 5th Conference on City Transportation, Epites kozleked tud kozl 7 no.3: 341-346 '63.

1. Committee of Highway and City Transportation, Hungarian Academy of Sciences, Budapest (for Csanadi). 2. Executive Commission, Capital City Council, Budapest (for Sarlos). 3. Faculty of Transportation Engineering, Technical University of Building and Transportation, Budapest (for Kadas). 4. Head, Directorate of Transportation, Executive Commission, Capital City Council, Budapest (for Gyulai). 5. Technical University of Building and Transportation, Budapest (for Vilmos and Turanyi). 6. Directorate of Transportation, Executive Commission, Capital City Council, Budapest (for Rudolf Nagy). 7. Chair of Road Construction, Technical University of Building and Transportation, Budapest (for Koller). 8. Research Group of Transportation, Hungarian Academy of Sciences, Budapest (for Benyei). 9. National Committee on Technical Development, Budapest (for Baranszky Job). 10. Road and Railroad Planning Enterprise, Budapest (for Hegyi).

GERLE, Gyorgy, dr., a muszaki tudomanyok kandidatusa; BOKSOS, Jozsef, dr., a  
muszaki tudomanyok kandidatusa; KADAS, Kalman, dr., a muszaki tudio-  
manyok kandidatusa

Debate on Dr. Gyorgy Gerle's dissertation for candidacy entitled  
"Role of economic factors in regional planning." Epites kozleked  
tud kozl 7 no.31353-368 '63.

KADAS, Kalman, dr., a muszaki tudomanyok kandidatusa, egyetemi tanar,  
dekan

Materialization of the educational reform objectives at the  
Faculty of Transport Engineers, Technical University of the  
Construction Industry and Transportation. Koal tud sz 13  
no.3:106-109 Mr '63.

1. Epitoipari es Kozlekedesi Muszaki Egyetem Kozlekedes-  
Uzemmernoki Karb.

KADAS, Kalman, dr., egyetemi tanár

Closing address delivered at the 2d Conference on Material  
Handling. Gap 15 no.5:210-211 Ny '63.

1. Építőipari és Közlekedési Műszaki Egyetem Közlekedési  
Uzemnernoki Kar dekanja.

KOLLER, Sandor, műszaki egyetemi adjunktus; ALMASSY, István,  
dr.; KADÁS, Kálmán, dr., a műszaki tudományok kandidátusa,  
egyetemi tanár; NAGY, Rudolf; TURÁNYI, István, dr., a műszaki  
tudományok kandidátusa, tanszékvezető tanár; GÍNTL, József,  
fömérnök; SZILÁGYI, Lajos; KELEMÉN, Lajos

The 5th Conference on City Transportation. Auto motor 16  
no.20:5-6 21.0 '63.

1. Fovarosi Tanacs Vegrehajto Birátság elnöke (for Sarlos).
2. Fovarosi Tanacs Közlekedési Igazgatóságának helyettes  
vezetője (for Nagy).
3. Építőipari Műszaki Egyetem (for Turányi).
4. Fovarosi Villamosvasut (for Gintl).
5. Fovarosi Tanacs  
Vegrehajto Birátság építészeti és Városrendezési Osztályának  
vezetője (for Szilágyi).
6. Budapest Fovarosi Tanacs Vegrehajto  
Bírátság elnökhelyettese (for Kelemen).

KADAS, L. 1948

"A Case of Myeloma With An Unusual Course."

Pneumonologia Danubiana, Budapest 1948, 1/5-6(233-237)  
Abst: Exc. Med. V. Vol. 11, No. 9. p. 673

"APPROVED FOR RELEASE: 07/19/2001

CIA-RDP86-00513R000519820019-6

~~action of the pigment.~~

APPROVED FOR RELEASE: 07/19/2001

CIA-RDP86-00513R000519820019-6"

Kadas, L.

MESTER, A.; KADAS, L.

Functional and anatomical changes changes of the pancreas in Leiner's disease. Gyermekgyogyaszat 3 no. 7:213-223 July 1952. (CLML 23:1)

1. Doctors. 2. Pediatric Clinic (Director -- Prof. Dr. Odon Kerpel-Fronius) and Institute of Pathological Anatomy (Director -- Prof. Dr. Bela Rata), Pecs University.

**"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000519820019-6**

**APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000519820019-6"**

"APPROVED FOR RELEASE: 07/19/2001

CIA-RDP86-00513R000519820019-6

INHIBITING SUBSTANCE IN THE FORM OF THIS PAPER. THIS PAPER INHIBITS SUBSTANCES

APPROVED FOR RELEASE: 07/19/2001

CIA-RDP86-00513R000519820019-6"

KADAS, L.

✓ 8879. Melanophore-inhibiting factor (MH) of blood serum of cancer patients. L. Kadas *Acta physiol. Acad. Sci. hung.*, 1954, 6, 495-499 (Pathol. Dept., County Hosp., Szombathely, Hungary)—Blood serum of cancer patients inhibits the activity of pituitary MH extracts on the melanophores of the frog skin. The properties of this MH-inhibiting substance are the same as those of a similar substance which appears in normal serum on incubation with heparin. (German) A. B. L. BEZNÁK.

Red

KADAS, Laszlo

BRAND, Imre; KADAS, Laszlo; ARATO, Istvan

Further investigations on general pathology of angioid striae.  
Szemesset 91 no.2:78-85 Apr 54.

1. A Pecs Orvostudomanyi Egyetem Szemklinikajának (igazgató:  
Boros Béla egyet. tanár, az orvostudományok kandidátusa, és  
Korbonctani Intézeténél (igazgató: Romhányi György egyet. tanár,  
az orvostudományok kandidátusa) költeménye.

(RETINA, dis.  
Grönblad-Strandberg synd.)

KADAS, Laszlo, dr.

Melanophorin inhibition by heparin in the urine of normal and cancer patients. Orv. hetil. 95 no.40:1095 3 Oct. 54.

1. Vasnegyi Tancs Korhaza (igazgato: Szvoboda Jeno dr.)  
Prosekturajanak (foorvos: Kadas Laszlo) koslemeye.  
(NEOPLASMS, urine in  
heparin & melanophorin inhib.)  
(PITUITARY GLAND, POSTERIOR, hormones  
melanophorin in urine, inhib. by heparin in cancer)  
(HEPARIN, in urine  
in cancer, melanophorin inhib.)  
(URINE  
heparin, inhib. of melanophorin in cancer)

K Á d a s . L.

EXCERPTA MEDICA Sec.3 Vol.11/1 Endocrinology Jan 57

37. KÁDAS L. and FARKAS E. Prosektur des 'Lajos Markusovszky' Komitatskrankenh., Szombathely, \*Hormonale Veränderungen in der Basedowkrise mit besonderer Rücksicht auf die Nebennierenfunktion. Hormonal changes in thyrotoxic crisis with special reference to adrenal function ACTA MED. ACAD. SCIENT. HUNG. (Budapest) 1955, 8/2 (173-185) Tables 1 Illus. 6

In 6 patients who died in thyrotoxic crisis the authors found an intact zona glomerulosa, but the zona fasciculata and reticularis showed a structural change called 'tubular degeneration' by Rich. It is supposed that the inner zones are first hypertrophied due to persistent TSH and ACTH production and then become insufficient. This lesion of the adrenal cortex is reversible (ACTH and cortisone therapy). All cases showed status thymico-lymphaticus. On the basis of these findings ACTH-cortisone therapy is recommended in severe hyperthyroidism.

Lengyel - Budapest (VI, 3)

KADAS, Laszlo.

Experimental studies on the melanophor hormone of laboratory animals. Kiserletes orvostud. 8 no.5:458-464 Sept 56.

1. Vasnegyei Tanacs "Markusovszky" Korhazanak Korsszovettani Laboratorium es Prosekturaja.

(PITUITARY GLAND, hormones

intermedin. differentiation from ACTH in exper.  
animals (Hun))

(ACTH

differentiation from intermedin in exper. animals (Hun))

SZABOLCS, Zoltan, dr.; KADAS, Laszlo, dr.; NEMETH, Gyula, dr.

Retroperitoneal multilocular cystadenoma and peritoneal pseudomyxoma in male. Magy. sebesset 9 no.2:114-118 Apr 56

1. Vasmege Tanacs, Markusovszky Imre Korhaza I. sz. sebesseti osztalyanak (foorvos: Szabolcs Zoltan dr.) es prosecturajanak (foorvos: Kadas Laszlo dr.) koslemenye.

(PARENTERUM, neoplasms

retroperitoneal multilocular cystadenoma with pseudomyxoma peritonei in male, pathol. (Hun))

(ADENOCARCINOMA

pseudomyxoma peritonei with retroperitoneal multilocular cystadenoma in male, pathol. (Hun))

HUNGARY/Pharmacology and Toxicology - Toxicology.

V-10

Abs Jour : Ref Zhar = Biol., No 14, 1958, 66484

Author : Kadas, L., Zsamboky, P.

Inst : Hungarian Academy of Science

Title : The Hormonal Therapy of Mercury Bichloride Poisoning.  
An Experimental Study.

Orig Pub : Acta med. Acad. sci. hung., 1956, 9, No 4, 363-379.

Abstract : Male rats weighing 250-300 g were given 5 ml of a 0.1% solution of mercury bichloride (I) into the stomach through a catheter. Simultaneously, 0.25 mg. of cortisone (II) or ACTH alone, or ACTH with II, or 0.05 mg of testosterone (III) or 1.5 ml of BAL were administered b.i.d. for 18 days. Two to 9 days after poisoning, the mortality rate among the experimental rats, as compared to controls, was decreased and was 30% in those which had

Card 1/2

KADAS, Laszlo; ZSAMBOLY, Pal

New experimental data on the hormone therapy of sublimate poisoning.  
Kiserletes orvostud. 9 no.3:246-254 July 57.

1. Vasmagyei Tanaos Markusovszky Korhaz Prosekturaja es I. sz.  
Belgyogyasszati Oasztalya.

(MERCURY, tox.

mercuric chloride, eff. of ACTH, cortisone, dimercaprol  
& testosterone in exper. pois. in rats (Hun))

(ACTH, eff.

on exper. mercuric chloride pois. in rats, with cortisone  
(Hun))

(CORTISONE, eff.

on exper. mercuric chloride pois. in rats, with ACTH (Hun))

(DIMERCAPROL, eff.

on exper. mercuric chloride pois. in rats (Hun))

(TESTOSTERONE, eff.

same)

EXCERPTA MEDICA Sec 6 Vol 13/2 Internal Med. Feb 59

1197. NEW EXPERIMENTAL DATA ON HORMONE THERAPY OF MERCURIC CHLORIDE POISONING - Neue experimentelle Angaben zur Hormontherapie der Sublimatvergiftung - Kádas L. and Zsámbéky P., I. Med. Abt., Krankenh. Szombathely - ENDOKRINOLOGIE 1957, 35/2-3 (127-137) Tables 3 Illus. 6

The effects of testosterone, ACTH, cortisone and dimercaprol, administered before and after acute mercuric chloride poisoning of rats, were compared. In contrast to dimercaprol, with which a favourable effect can only be expected in the first 12-24 hr. after poisoning, hormone therapy may be successful even if it is begun as late as 2 or 3 days after poisoning. In view of the different points of attack of dimercaprol and hormones, combined treatment is recommended in all cases. Treatment begun before and simultaneously with poisoning led to the same results.

(III, 2, 6)

KADAS, Laszlo

Studies on the gastroduodenal system, pancreas and liver in experimental chronic alcoholism. Kiserletes Orvostudomany 11 no.4: 411-421 August 1959

1. Vas megye Tanacs, "Markusovszky" Korhaza Korszovettani Laboratorium.

(STOMACH, pathol)  
(DUODENUM, pathol)  
(PANCREAS, pathol)  
(LIVER, pathol)  
(ALCOHOLISM, exper)

KADAS, Laszlo; VIRAG, Lajos

Role of the neuro-endocrine relationship in blood coagulation.  
Kiserletes Orvostud. 12 no.6:572-577 D '60.

1. Vasmegyei Tanacs Korhasanak Korszovettani Laboratoriuma.  
(BLOOD COAGULATION pharmacol)  
(CORTISONE pharmacol)  
(CORTICOTROPIN pharmacol)

LELEK, Istvan; NAGY, Dezsö; KADAS, László; VIRAG, Lajos

A lipoid-mobilizing hormone in man. Kísérletes orvostud. 13 no.4:  
430-433 Ag '61.

1. Soproni Állami Szánatórium Belosztaly és Vasmegye Tanácsa  
"Markusovszky" Körháza Prosekturaja.

(LIPIDS metab) (PITUITARY GLAND POSTERIOR hormones)

KADAS, Laszlo, dr.; KOCSIS, Sandor, dr.

Cytological examination of vaginal smears in subjects with mammary cancer. Magy. onkol. 6 no.1:23-27 Mr '62.

1. Vas Megye Tanacs "Markusovszky" Korhaza, Korszovettani, es Onkoradiologai Osztaly.

(BREAST NEOPLASMS diag) (VAGINAL SMEARS)

KOCSIS, Sandor, dr.; KADAS, Laszlo, dr.

Reflection of the work of the Oncocytological Center in the various phases of cervical cancer distribution in Vas County.  
Magy.onkol. 7 no.4:245-247 D '63.

1. Vasmegye Tanacs "Markusovszky" Korhaza Onkoradiologai Osztalya  
es Onkocytologial Allomasa.

L 9769-66

ACC NR: AP6001945

SOURCE CODE: HU/0018/65/017/001/0001/0006

AUTHOR: Kadas, Laszlo—Kadash, L.; Nagy, Dezso—Nad', D.

23

ORG: Department of Pathology, Markusovszky Hospital, Vas County Council (Vasmegye Tanacs "Markusovszky" Korhas Korbonctani Osztalya); Laboratory, Pecs City Council Hospital, Pecs (Pecsi Varosi Tanacs Korhas Laboratorium)

TITLE: Some physicochemical properties of lipid mobilizing factors isolated from blood and urine

SOURCE: Kiserletes Orvostudomany, v. 17, no. 1, 1965, 1-6

TOPIC TAGS: biochemistry, blood, urology, hematology, experiment animal

ABSTRACT: The lipid mobilizing factors isolated from the blood and urine of fasting and cortisone-treated humans show such similarities in their chromatographic and electrophoretic behavior as well as in their behavior on ion exchange resins that they should be considered identical or closely related compounds. Orig. art. has: 2 figures, 1 table. [JPRS]

SUB CODE: 06 / SUBM DATE: 10May63 / ORIG REF: 003 / OTH REF: 012

BC

Card 1/1

L 9754-66

ACC NR: AP6001946

SOURCE CODE: HU/0018/65/017/001/0007/0012  
26  
Q3

AUTHOR: Kadas, Laszlo—Kadash, L.; Nagy, Dezso—Nagy, D.

ORG: Department of Pathology, Markusovszky Hospital, Vas County Council (Vasmegye Tanacs "Markusovszky" Korhaz Korbonctani Osztalya); Laboratory, Pecs City Council Hospital, Pecs (Pecsi Városi Tanacs Korhaz Laboratorium)

TITLE: A few physical-chemical properties of the lipid mobilizing factors (LMF) isolated from the anterior and posterior lobes of the pituitary and from the hypothalamus

SOURCE: Kiserletes Orvostudomany, v. 17, no. 1, 1965, 7-12

TOPIC TAGS: biochemistry, experiment animal, gland, hormone, endocrinology

ABSTRACT: A low molecular weight compound, presumably of a polypeptide nature, has been isolated from the anterior and posterior lobes of the pituitary as well as, in some cases, from the hypothalamus which, in acute experiments, raised the serum cholesterol level in rabbits to a well-measurable extent. The LM factors isolated from different areas showed great similarities in the properties studied; for this reason it is probable that they are identical or closely related compounds. It is thought that the compound which resembles ACTH with respect to some of its properties, is produced in the anterior lobe of the pituitary (that is, it is not strictly an artefact produced in the course of isolation) and may be a humoral factor playing an independent role in the regulation of the lipid metabolism.  
Card 1/2

L 9754-66

ACC NR: AP6001946

Orig. art. has: 2 figures and 1 table. [JPRS]

SUB CODE: 06 / SUBM DATE: 10May63 / ORIG REF: 003 / OTH REF: 046

*DC*

Card 2/2

APPROVED FOR RELEASE: 07/19/2001

CIA-RDP86-00513R000519820019-6"

## Diagnosis

## HUNGARY

LUDWIG, Karoly, Dr. GARZULY, Ferenc, Dr. KADAS, Laszlo, Dr; Vas Megye Council "Markusovszky" Hospital, Department of Hematology (chief physician: ISTVAN, Lajos, Dr) and Pathological Anatomy (chief physician: KADAS, Laszlo, Dr) (Vas Megyei Tanacs "Markusovszky" Korhaz, Haematologial Osztaly es Korbonc-tani Osztaly).

"Weil's Disease Resulting in Death Caused by Renal Insufficiency."

Budapest, Orvosi Hetilap, Vol 107, No 34, 21 Aug 66, pages 1617-1619.

**Abstract:** [Authors' Hungarian summary] A case of leptospirosis is reported which had the clinical appearance of Weil's disease, was presumably caused by L. Saxkoebing, was confirmed by serological and histological tests and resulted in the death of the patient because of renal insufficiency. The importance of early treatment and of early diagnosis is pointed out and some diagnostic problems are discussed briefly. Of interest in the case is the demonstration of numerous leptospirae in the organs by means of Levatidin's silver impregnation method. 13 Eastern European, 5 Western references.

WEISZ, Pal, Dr.; HORVATH, Laszlo, Dr.; KADAS, Tamas, Dr.; KOVICS, Peter; RITTER,  
Laszlo

Hormone secretion of animals after excision of the adrenal medulla and  
during the regeneration of the adrenal cortical matter. Orv. hetil. 99  
no.44:1538-1539 2 Nov 58.

1. A Budapesti Orvostudomanyi Egyetem Korelettani Intezetek (igazgato:  
Sos Jozsef dr. egyet tanar) konkurense.

(ADRENAL MEDULLA, eff. of excis.

secretion of cortical hormones in rats after excis. of  
medulla & during regen. of cortical matter (Hun))

(ADRENAL CORTEX, physiol.

secretion in rats after excis. of medulla & during regen.  
of cortical matter (Hun))

DMSI, Illes; SZOLD, Endre; WEISZ, Pal; KADAS, Tamas

Effect of somatotropic hormone on experimental uremia. Kísérletes  
Orvostudomány 11 no.1:86-88 Feb 59.

1. Budapesti Orvostudományi Egyetem Korelettani Intézete és Urológiai  
Klinika.

(UREMIA, exper.

eff. of somatotropin alone & with desoxycorticosterone  
& 17 $\alpha$ -methyl- $\Delta$ 5-androstene-3 $\beta$ , 17 $\beta$ -diol in rats (Hun))

(SOMATOTROPIN, eff.

on uremia in rats alone & with desoxycorticosterone  
& 17 $\alpha$ -methyl- $\Delta$ 5-androstene-3 $\beta$ , 17 $\beta$ -diol (Hun))

(DESOCYCORTICOSTERONE, eff.

on uremia in rats with somatotropin (Hun))

(ANDROGENS, eff.

17 $\alpha$ -methyl- $\Delta$ 5-androstene-3 $\beta$ , 17 $\beta$ -diol with som-  
totropin on uremia in rats (Hun))

SZOLD, Endre; WEISZ, Pal; DESI, Illes; KADAS, Tamas

Effect of methylandrostenol and norandrosteron on experimental uremia. Magy. sebeszet 12 no.2:150-154 Mar 59.

1. A Budapesti Orvostudomanyi Egyetem Urologiai Klinikajának (Igazgató: Babics Antal egy. tamar) és Korelettani Intézeténél (Igazgató: Sos József egy. tamar) közlésenye.

(ANABOLIC, eff.

17 $\alpha$ -methyl- $\Delta$ 5(6)-androstene- $\beta$ ,17 $\beta$ -diol dipropionate on uremia in rats, with & without 19-nor-testosterone (Hun))

(TESTOSTERONE, related cpds.

19-nor-testosterone, eff. on uremia in rats, with & without 17 $\alpha$ -methyl- $\Delta$ 5(6)-androstene- $\beta$ ,17 $\beta$ -diol dipropionate (Hun))

(UREMIA, exper.

eff. of 17 $\alpha$ -methyl- $\Delta$ 5,6, androstene- $\beta$ ,17 $\beta$ -diol dipropionate & 19-nor-testosterone alone & in combination in rats (Hun))

KADAS, T.; WEISZ, P.; GLAZ, E.; KOVES, P.; RITTMER, L.

The effect of spinal cord transection on the corticosterone secretion and histologic pattern of the adrenal cortex.  
Acta physiol.hung. 16 no.4:285-289 '59.

1. Institute of Pathophysiology and 3rd Department of Medicine,  
Medical University, Budapest.  
(SPINAL CORD surgery)  
(ADRENAL CORTEX)

KADASHEVICH, A. M. Engr. and CHUMYEVSKIY, A. V. Engr

"Production of Machines for Mechanizing Animal Husbandry Work, 1949-1951,"  
Sel'khozmashina, No.12, 1951

Translation W-22121, 29 Mar 52

KADASHEVICH, A.M.

Items from technical and economic information bulletins of  
economic councils. Trakt. i sel'khozmash. no.10:47-48  
O '58. (MIRA 11:10)  
(Agricultural machinery industry)

KADASHEVICH, A.M.

Items from technical and economic information bulletins of economic  
councils. Trakt. i sel'khozmash. no.11:48-49 N '58  
(MIRA 11:11)  
(Agricultural machinery industry)

KADASHEVICH, A.M.

Items from technical and economic information bulletins of  
national economy councils. Trakt. i sel'khozmash. no.12:44-45  
D '58. (MIRA 11:12)  
(Agricultural machinery industry)

KADASHEVICH, A.M.

From technical-economic information bulletins published by  
economic councils. Trakt. i sel'khosmash. no.1:46-47 Ja '59.  
(MIRA 12:1)  
(Bibliography--Technology)

KADASHEVICH, A.H.

From technical and economic information bulletins published  
by economic councils. Trakt. i sel'khosmash. no.2:48 and 3 of  
cover. F '59. (MIRA 12:1)  
(Agricultural machinery)

KADASHEVICH, A.M., inzh.

Items from technical and economic information bulletins of the  
councils of national economy. Trakt. i sel'khosmash. no.3:47-  
3 of cover. Mr '59. (MIRA 12:4)  
(Agricultural machinery industry)

KADASHOVICH, A.M., inzh.

Items from technical and economic information bulletins of  
national economic councils. Trakt.i sel'khozmash. no.8:45-47  
Ag '59. (MIRA 12:11)  
(Agricultural machinery industry)

KADASHEVICH, A.M., insh.

Items from technical and economic information bulletins of the  
councils of national economy. Trakt. i sel'khozmash. no.11:48-3  
of cover N '59. (MIRA 13:3)  
(Agricultural machinery industry)

KADASHEVICH, A.M., inzh.

Items from technical information bulletins of economic  
councils. Trakt.i sel'khozmash, no.1:48-3 of cover  
Ja '60. (MIRA 13:4)  
(Agricultural machinery)

ACC NR: AR6035374

SOURCE CODE: UR/0271/66/000/009/B040/B041

AUTHOR: Ivanov, M. N.; Kadashevich, V. I.; Kondurov, I. A.; Nekhay, A. P.; Nikolayev, S. N.; Nikanorov, A. G.; Petrova, V. I.

TITLE: Central system for gathering and processing information (SOFI)

SOURCE: Ref. zh. Avtomatika, telemekhanika i vychislitel'naya tekhnika, Abs. 9B320

REF SOURCE: Tr. 6-y nauchno-tekhn. konferentsii po yadern. radioelektron. T. 3. Ch. I. M., Atomizdat, 1965, 110-136

TOPIC TAGS: computer design, information processing, information storage and retrieval, electronic computer, computer input unit, computer output unit, Minsk-1 computer

ABSTRACT: The article describes a system developed at the Physicotechnical Institute im. A. F. Ioffe AN SSSR for time analysis in 500 - 1000 channels in the investigation of neutron spectra, for two-dimensional amplitude-time and amplitude-amplitude analysis, and for pulse-height analysis with 100 - 200 channels. The main units of the system are: the input units (amplitude and time analyzers) which transform the information received by them into a digital code that determines the address of the memory cell; the memory unit (magnetic operative memory of the "Minsk-1") for storage of the codes; the control unit, which scans the input units in sequence and extracts the numbers from the memory; output unit for the readout of the numbers from the memory to the printer unit, perforator, or cathode ray tube screen; movable control desk for remote control of the input blocks. The input blocks of the system can oper-

Card 1/2

UDC: 681.142.4

ACC NR: AR6035374

ate independently in the following modes: operation, observation, verification, and erasure. The technical characteristics of the system are as follows: number of channels 2048; channel capacity  $2^{16}$ ; number of input units 8; inquiry period 5  $\mu$ sec; and maximum registration frequency 12 000 pulses/sec. 10 illustrations. Bibliography, 11 titles. V. Zh. [Translation of abstract]

SUB CODE: 09

Card 2/2

L 09387-67 EEC(k)-2/EWP(k)/EWT(d)/EWP(l)/EWP(v) IJP(c) QQ/BB

ACC NR: AR6033766

SOURCE CODE: UR/0058/66/000/007/A028/A029

54

AUTHOR: Ivanov, M. N.; Kadashevich, V. L.; Kondurov, I. A.; Nekhay, A. P.;  
Nikolayev, S. N.; Nikanorov, A. G.; Petrova, V. I.

TITLE: Centralized system for the assembly and processing of information

SOURCE: Ref. zh. Fizika, Abs. 7A254

16C

REF SOURCE: Tr. t-y nauchno-tekhn. konferentsii po yadern. radioelektron.  
T. 3. Ch. 1. M., Atomizdat, 1965, 110-136

TOPIC TAGS: memory core, computer storage device, logic element, information  
assembly, information processing

ABSTRACT: The operational principle and basic equipment of a centralized system  
for the assembly and processing of information are described in detail. The system  
consists of a memory core device, a control device, several input arrangements,  
an output arrangement and extension testing panels. The technical characteristics  
of the system are as follows: 2048 channels; channel volume,  $2^{16}$ ; there are 8  
input devices; interrogation period, 5  $\mu$  sec; registration time of the number,

Card 1/2

L 09387-67

ACC NR: AR6033766

82  $\mu$  sec; maximum registration frequency, 12,000 pulses/sec; data output speed with digital printout, 20 lines per sec; and the output speed on the perforator, 20 octal signs per second. The possibility of multi-dimensional measurements is foreseen. The design is of block type, with easily interchangeable parts. Logic elements are made with semiconductor devices. [Translation of abstract]

SUB CODE: 09, 12/

Card 2/2 mle

ACC NR: AP7001944

SOURCE CODE: UR/0120/66/000/006/0108/0113

AUTHOR: Ivanov, M. N.; Kadashovich, V. I.; Kondurov, I. A.

ORG: Physicotechnical Institute, AN SSSR, Leningrad (Fiziko-tehnicheskiy institut  
AN SSSR, Leningrad)

TITLE: Multi-input counting system with data readout

SOURCE: Pribory i tekhnika eksperimenta, no. 6, 1966, 108-113

TOPIC TAGS: calculator, data readout

ABSTRACT: The MSS-8 multi-input counting system is described. This self-contained system, based on decade-by-decade access to the storage unit, permits: 1) accumulation of information in eight channels simultaneously over a period preset by a timer; (2) information readout for printing and punching in machine-readable code; (3) revision of operating conditions according to the prescribed program. The basic parameters of the system are as follows: capacity of each channel  $10^7$ ; input resolution time, 1 usec; intervals set by the timer  $10^2$ — $10^6$  sec; A program control unit has been added to hold the system automatically to a prescribed sequence of system operations; there are up to  $10^5$  positions for program control. High reliability and simplicity of adjustment have been achieved by using linear access selection with full current remagnetization of cores. The storage unit contains 64 memory decades which form 8 channels. One of the eight decades keeps the number of channel and the

Card 1/2

UDC: 681.142.4

ACC NR: AP7001944

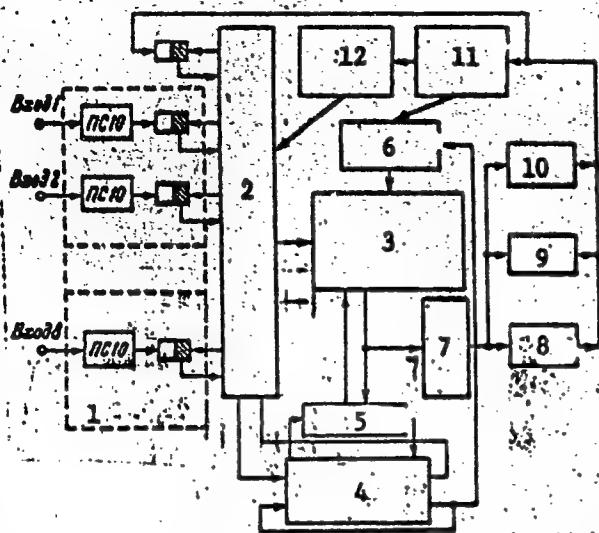


Fig. 1. Block diagram of MSS-8 multi-input counting system

1 - Input block; 2 - interrogator;  
 3 - storage unit; 4 - unit of pre-fixed programs: accumulation and output; 5 - four-bit adder; 6 - bit counter; 7 - output register; 8 - EUM-28-type printer; 9 - PL-type-puncher; 10 - indicating tube; 11 - output bit counter; 12 - output channel counter.

remaining serve for date storage. The code is stored in binary-decimal form.  
 Orig. art. has: 6 figures.

SUB CODE: 09/ SUBM DATE: 20Nov65/ ORIG REF: 003/ OTH REF: 001/  
 Card. 2/2

KADASHEVICH, Yu. I.

AUTHORS: Kadashevich, Yu. I., Novozhilov, V. V. 20-4-11/52

TITLE: The Theory of Plasticity Which Takes Prestressing Into Account (Teoriya plastichnosti, uchityvayushchaya effekt Baushingera)

PERIODICAL: Doklady AN SSSR, 1957, Vol. 117, Nr 4, pp. 586-588 (USSR)

ABSTRACT: The authors here suggest a theory of plasticity of quasi-isotropic bodies which is based on the following relations between the plastic deformations and tensions:  
 $d\epsilon_{ij}^P = \bar{\sigma}_{ij} d\epsilon(T)$ ;  $s_{ij} = 2g(\Gamma) \epsilon_{ij}^P$ ,  $\bar{\sigma}_{ij} = \sigma_{ij} - (1/3) \delta_{ij}$ ,  
 $\bar{\sigma} = \sigma_{ii}$ ,  
 $T = \sqrt{(1/2) \bar{\sigma}_{ij} \bar{\sigma}_{ij}}$ ;  $\Gamma = \sqrt{(1/2) \epsilon_{ij}^P \epsilon_{ij}^P}$ .  $s_{ij}$  is denoted here as tensor of the remanent tensions and  $\bar{\sigma}_{ij}$  is denoted as tensor of the active tensions. In the theory considered here, the stretching-strain limit has the same form as in the theory of flow, but the center of the flow limit shifts according to the above-mentioned first equation. The following can be said with respect to the tensions  $s_{ij}$ : A) They are equal to zero in the moment of the occurrence of the first plastic deformations. B) They depend on the plastic deformations according to the principle of elastic

Card 1/3

The Theory of Plasticity Which Takes Prestressing Into Account 20-4-11/52

interaction. C) Therefore they are conserved on the body also after removal of the stress. The authors then study a mechanic model in order to explain the relations proposed here. For the sake of simplicity and clearness the authors confine themselves to the consideration of a clear case in which only  $\sigma_{xx}$  and  $\sigma_{yy}$  are different from zero. Up to now the influence of the mean normal stress on the criterion of flow was neglected. The complications occurring by taking account of this influence can be avoided analogously to the theory of flow. The most simple variant of the theory described here for which the following formulae hold, is remarkable:  $d\sigma_{ij}^p = \bar{\sigma}_{ij}' d\lambda$ ,  $s_{ij} = 2g_0 \varepsilon_{ij}^p$ ;  $T = (1/\sqrt{3}) \sigma_T^p$ . In this case  $\sigma_T^p$  denotes the flow limit with simple tension and  $g_0$  signifies a constant which characterizes the solidification. A comparison of the results of the theory proposed here with the test results shows that various experimental facts can be explained by it which cannot be explained either by the theory of flow, or by particularly to these facts: a) Prestressing. b) the non-conformity of the principal axes of the stress tensor and the tensor of the increases in plastic deformations. c) The experimental

Card 2/3

The Theory of Plasticity Which Takes Prestressing Into  
Account

20-4-11/52

curves generally pass between those curves which were determined by means of the theory of flow and the theory of small plastic deformation. d) A remanent deformation is observed with the circulation on the flow limit assumed with the theory of flowing. e) An essential part of the work which is applied to plastic deformation (~10%) is not converted into heat. There is 1 figure, and 7 references, 4 of which are Slavic.

PRESENTED: October 7, 1957, by L. I. Sedov, Academician

SUBMITTED: September 27, 1957

AVAILABLE: Library of Congress

Card 3/3

KADASHEVICH, Yu. I., Cand Phys-Math Sci -- (diss) "Theory  
of Plasticity <sup>which</sup> ~~that~~ takes into Account Residual Micro-  
Voltages." Len, 1958. 5 pp, (Len Order of Lenin State Univ  
im A. A. Shdanov). 150 copies (KL 40-58, 112)

AUTHOR: Kadashevich, Yu.I. and Novozhilov V.V. 40-22-1-7/15  
(Leningrad)

TITLE: A Plasticity Theory in Which Residual Microstresses are Taken Into Account (Teoriya plastichnosti, uchityvayushchaya ostatochnye mikronapryazheniya)

PERIODICAL: Prikladnaya Matematika i Mekhanika, 1958, Vol 22, Nr 1,  
pp 78-89 (USSR)

ABSTRACT: The inequality  $dt > 0$  is frequently applied as a criterion for the character of a deformation, where T is an expression which can be calculated from the different principal stresses of the problem. The limit which separates the range of elastic deformations from the range of plastic deformations then is generally determined by the equation  $T = C$ , where C is the value of the intensity of the tangential stresses in a certain moment. If the given relation is applied, then one obtains a plastic range, the limits of which are similarly enlarged in all directions, whereby, however, the form of the plastic range remains unaltered. But this contradicts to the observations. In experiments it is stated that the magnitude of the range does not only change, but also its form and fur-

Card 1/2

A Plasticity Theory in Which Residual Microstresses  
are Taken Into Account

40-22-1-7/15

thermore that a displacement of the range can occur. In the present paper it is tried to develop a plasticity theory in which the displacement of the center of the plastic deformation range is taken into account. The deformation of the range itself is neglected in this case, since different other authors calculated this influence and their results can be directly transferred to the present case too. With the aid of the author's results effects can be explained which could not well be theoretically comprehended up to now, e.g. the Bauschinger effect and the divergence of the main flow directions for plastic deformations with the principal stress directions. There are 7 figures, and 11 references, 3 of which are Soviet, and 8 American.

SUBMITTED: October 5, 1957

Card 2/2

S/179/60/000/03/005/039

**AUTHORS:** Kadashevich, Yu.I. and Pertsev, A.K. (Leningrad)**TITLE:** The Loss of Stability of a Cylindrical Shell Under  
Dynamic Loading**PERIODICAL:** Izvestiya Akademii nauk SSSR, Otdeleniye tekhnicheskikh  
nauk, Mekhanika i mashinostroyeniye, 1960, Nr 3,  
pp 30-33 (USSR)**ABSTRACT:** The problem considered is that of an infinitely long cylindrical shell reinforced by equally spaced transverse ribs so that loss of stability occurs only between the ribs. It is assumed that the number of waves round the circumference on loss of stability is large ( $n > 5$ ). The deflection of the shell is expressed approximately by Eq (1), where  $L$  is the distance between the ribs and  $R$  is the radius of the shell. The kinetic energy of the shell  $K$  is given by (4) and the equations of motion by (6), using the dimensionless parameters (7), in which  $q(\tau)$  is the transverse load and  $V$  is the sound velocity in the material of the shell. The coefficients in (6) are given by (8) using the notation (9) in which  $q^*$  is the external static critical load. Calculations were

Card 1/2

S/179/60/000/03/005/039

The Loss of Stability of a Cylindrical Shell Under Dynamic Loading  
carried out on the electrical machine MN-7 and Fig 1 shows typical curves for the dynamic deflection of a shell for which  $\pi^2 h R / L^2 = 1$  ( $h$  is presumably the shell thickness but this is not stated explicitly). The ordinates and abscissae of Fig 1 are defined in Eq (7). The values of the safe dynamic load are shown in Fig 2 for  $a_{\text{max}} = 1$  (for example  $\sigma_T = 4000 \text{ kg/cm}^2$ ,  $E = 2.106 \text{ kg/cm}^2$ ,  $R/h = 500$ ) and  $\pi R/nL = 0.5$ . Fig 3 shows the safe load for a range of  $n$  with  $\xi_1 = 0.01$  and  $R/h = 100$ . Fig 4 shows the curves of  $J_0 (= \xi_0(\tau))$ ,  $J_1 (= \xi_2(\varphi))$  and  $J_2 (= \xi_2(\tau))$ , with  $\xi_0$ ,  $\xi_1$  and  $\xi_2$  defined in Eq (7) plotted against  $\tau$ . There are 4 figures and 6 Soviet references. ✓C

SUBMITTED: January 20, 1960

Card 2/2

10 6100

42741

S/124/62/000/011/006/017

D234/D308

AUTHORS: Pertsev, A. K. and Kadashevich, Yu. I.

TITLE: Stability of cylindrical shells submerged in a liquid  
with short-period dynamic loads

PERIODICAL: Referativnyy zhurnal, Mekhanika, no. 11, 1962, 23, ab-  
stract 11B150 (Tr. Konferentsii po teorii plastin i  
obolochek, 1960, Kazan', 1961, 271-277) ✓

TEXT: The authors discuss the formulation of the problem of stability of thin elastic cylindrical shells subject to transverse dynamic load based on non-linear equations of shallow shells in Lagrange's form. The initial sag and the sag during loss of stability are represented in the form

$$w_i = w_i^* \cos (\pi x/l) \cos n\varphi$$

Card 1/2

Stability of cylindrical ...

S/124/62/000/011/006/017  
D234/D308

$$w = w_0 + w_1 \cos (\pi x/l) \cos n\varphi + w_2 \cos^2 (\pi x/l)$$

where  $w_i$ ,  $w_0$ ,  $w_1$ ,  $w_2$  are constant,  $x$ ,  $\varphi$  are cylindrical coordinates,  $l$  is the length of the shell,  $n$  is the number of transverse waves. It is assumed that the shell is situated in an infinite liquid medium described by linear relations. The total pressure on the shell is in this case equal to the pressure on an absolutely rigid cylinder, added to the pressure due to interaction of the shell with the liquid, i.e. to deformation of the shell (radiation pressure). The latter is calculated in the paper of Yu. V. Goryainov, Yu. I. Kudashevich, I. L. Mironov (Trudy Konferentsii po teorii plastin i obolochek, 1960. Kazan', 1961, 137-141). The authors give a qualitative analysis of the results of the solution of the equations of analog computers, when the pressure impulse varies in time from the initial value according to a linear law. *[Abstracter's note: Complete translation.]*

Card 2/2

Kadashewich, Yu. I.

BOROVSKIY, P. V.

PHASE I BOOK EXPLOITATION

SOV/6206 25

Konferentsiya po teorii plastin i obolochek. Kazan', 1960.

Trudy Konferentsii po teorii plastin i obolochek; 24-29 oktyabrya 1960. (Transactions of the Conference on the Theory of Plates and Shells Held in Kazan', 24 to 29 October 1960). Kazan', [Izd-vo Kazanskogo gosudarstvennogo universiteta] 1961. 426 p. 1000 copies printed.

Sponsoring Agency: Akademiya nauk SSSR. Kazanskiy filial. Kazanskiy gosudarstvennyy universitet im. V. I. Ul'yanova-Lenina.

Editorial Board: Kh. M. Mushtari, Editor; F. S. Isanbayeva, Secretary; N. A. Alumyaev, V. V. Bolotin, A. S. Vol'mir, N. S. Ganiyev, A. L. Gol'denveyzen; N. A. Kil'chevskiy, M. S. Kornishin, A. I. Lur'ye, G. N. Savin, A. V. Sachenkov, I. V. Svirskiy, R. G. Surkin, and A. P. Filippov. Ed.: V. I. Aleksagin; Tech. Ed.: Yu. P. Semenov.

PURPOSE: The collection of articles is intended for scientists and engineers who are interested in the analysis of strength and stability of shells.

Card 1/24

Transactions of the Conference (Cont.)

SOV/6206

75

COVERAGE: The book is a collection of articles delivered at the Conference on Plates and Shells held in Kazan' from 24 to 29 October 1960. The articles deal with the mathematical theory of plates and shells and its application to the solution, in both linear and nonlinear formulations, of problems of bending, static and dynamic stability, and vibration of regular and sandwich plates and shells of various shapes under various loadings in the elastic and plastic regions. Analysis is made of the behavior of plates and shells in fluids, and the effect of creep of the material is considered. A number of papers discuss problems associated with the development of effective mathematical methods for solving problems in the theory of shells. Some of the reports propose algorithms for the solution of problems with the aid of electronic computers. A total of one hundred reports and notes were presented and discussed during the conference. The reports are arranged alphabetically (Russian) by the author's name.

Card 2/14 4

Transactions of the Conference (Cont.)	SOV 6206	3
Ganiyev, N. S. Inverse Problems of Bending of Shells of Rectangular Plan	107	
Gnatyuk, V. N. Axially Nonsymmetrical Deformation of a Shallow Spherical Shell	113	
Gnuni, V. Ts. On the Boundaries of Dynamic Instability of Shells	117	
Gontkevich, V. S. Natural Vibrations of Orthotropic Cylindrical Shells	124	
Goncharenko, M. V. Statistical Method in the Problem of Pure Bending of a Cylindrical Shell	130	
Goryainov, Yu. V., Yu. I. Kadashovich, and I. L. Mironov. On the Hydrodynamic Forces Caused by the Dynamic Buckling of Cylindrical Shells Immersed in a Liquid	137	

Card 6/14 6

Transactions of the Conference (Cont.)	SOV/6206
Paliy, O. M. On the Problem of Mending and Load-Carrying Capacity of Cylindrical Shells with [Initial] Deformation	265
Pertsev, A. K., and Yu. I. Kadashovich. Stability of Cylindrical Shells Immersed in a Liquid Under Short-Duration Dynamic Loads	271
Petrov, Yu. P. Flexural Analysis of Elastic Trapezoidal Plates by a Discrete Method	278
Prokopovich, I. Ye. Basic Equations of the Theory of Thin Shallow Orthotropic Shells With Allowance for Creep	285
Prusakov, A. P. Some Flexural Problems of Circular Sandwich Plates With a Light Core	293
Prusakov, A. P. Design of a Cylindrical Tank Made of a Sandwich Sheet to Withstand Internal Pressure	298

Card 10/144